

MANURE NUTRIENT ANALYSIS REPORT



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ANALYSIS FOR: WY SOCKI FARMS
DATE PROCESSED: 05/09/2013
DATE SAMPLED: 05/03/2013
SAMPLE NUMBER: 22314
MATERIAL: Dairy
SAMPLE TYPE: A
STORAGE SYSTEM: LIQUID

DRY MATTER, % 2.90

MOISTURE, % 97.10

Nitrogen (Injected)
Nitrogen(Surface Applied)
Phosphorus as P₂O₅
Potassium as K₂O
Sulfur
Estimated Value of
Available Nutrients

Estimated Available Nutrient Credits			
Total Nutrients lbs/1000 gal	In 1st Year of Application lbs/1000 gal	If Applied 2 Consecutive Yrs lbs/1000 gal	If Applied 3 Consecutive Yrs lbs/1000 gal
25.73	10.29	12.87	14.15
25.73	7.72	10.29	11.58
5.79	3.47	4.05	4.34
17.27	13.82	15.55	16.41
1.56	0.94	1.10	1.17
	\$15.03	\$18.21	\$19.80

MINOR ELEMENTS *3

Calcium: 2.89%	Zinc: 444 ppm
Magnesium: 1.72%	Manganese: 341 ppm
Copper: 1047 ppm	Sodium: 2.45%
Iron: 1693 ppm	

NH ₄ -N: 0.200%
NO ₃ -N: 0.001%

COMMENTS

- *1 Applications of manure on the same field for 2 consecutive years increases availability of N, P, K, and S by 10%, and for 3 or more consecutive years by 15%. Availability of N changes depending on application technique. Injection or incorporation within 3 days of application results in higher N availability.
- *2 Value based on commercial fertilizer costs as of 08/10/2012.
N (Urea)\$0.74/lb, P₂O₅ (Triple Superphosphate)\$0.71/lb, K₂O (Potash)\$0.48/lb, S (Elemental Sulfur)\$0.23/lb.
- *3 If minor elements are requested, they are reported on a 'dry matter' basis.
If ammonia, nitrate or pH are requested, they are reported on an 'as is' basis.